Reg	istra	ation no:											
													<u>B.TECH</u> 2011 PCBT430
5 th Semester Regular / Back Examination 2015-16													
		IMI	MUNO	LOG						HNC	OLOC	3Y	
						_		otech)				
						ne: 3							
Max marks: 70 Q.CODE: T249													
Answer Question No.1 which is compulsory and any five from the rest.													
The figures in the right hand margin indicate marks.													
Q1											na no.	(2 x 10)	
	a)	5 ,									ommon?	,	
	b)	·											
	_	generated?											
	c)												
	d)	passive immunity?											
	e)	What do you mean by ADCC? What is ELISA? Write the name of different types of ELISA?											
	f)	What do you mean by anaphylaxis?											
	g)	, , , , , , , , , , , , , , , , , , , ,											
	h)	•											
	i) Which type of immunoglobulin class is more effective in bringing abou									ging about			
	complement mediated lyses?												
Q2	J)	j) How the two type of light chain of antibody molecule are distinguished? Differentiate between:										nea?	
QΖ	a)	Monoclonal a			ntiboo	vŀ							(5)
	b)	Humoral and				_							(5)
Q3		What is an				•	vario	ous	fact	ors	that	influence	(6+4)
		immunogenic	•										
Q4		What do you		•	•		of t	he ir	nmur	ne sy	stem?	How the	(6+4)
		dysfunction is	modula	ted in i	numar	1?							
Q5	a)	Describe abou	ıt differe	nt type	es of ir	nnate	defe	nse b	arrier	of hu	ıman t	oodv?	(5)
-,0	b)	, , , , , , , , , , , , , , , , , , , ,								(5)			
Q6	•	Briefly explain					•			•			` '
	a)	Organization of	of immur	noglob	ulin ge	enes.							(5)

b) Discuss about Gell and Coombs methods of classification of Hypersensitivity

(5)

(5)

(5)

b) Central tolerance.

a) Vaccinology

reaction.

Q8

Q7 a) "Write in detail about structure of MHC molecules?b) Write notes on secondary lymphoid organs?

Write short notes on any two: